



CA-NV AWWA Water Loss Technical Assistance Program Wave 4 Water Audit Level 1 Validation Document

Audit Information:

Utility: San Fernando PWS ID: 1910143
System Type: Potable Audit Period: Calendar 2016
Utility Representation: Sandra Soto (Finance), Tony Salazar (Public Works Superintendent), Sandra Rivas (Finance), Danny Garcia (Public Works Field Supervisor II), Ramiro Arias (Public Works Field Supervisor I), Jess Sahagan (Public Works Senior Maintenance Worker)
Validation Date: 7/6/2017 Call Time: 9:00am Sufficient Supporting Documents Provided: Yes

Validation Findings & Confirmation Statement:

Key Audit Metrics:

Data Validity Score: 45 Data Validity Band (Level): Band II (26-50)
ILI: 1.19 Real Loss: 18.57 (gal/conn/day) Apparent Loss: 15.99 (gal/conn/day)
Non-revenue water as percent of cost of operating system: 3.4

Certification Statement by Validator:

This water loss audit report has been Level 1 validated per the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34.

All recommendations on volume derivation and Data Validity Grades were incorporated into the water audit. ☒

Validator Information:

Water Audit Validator: Drew Blackwell / Larry Lewison (support) Validator Qualifications: Contractor for CA-NV AWWA Water Loss TAP

Validator Provided

CA-NV AWWA Water Loss Technical Assistance Program

Wave 4 Water Audit Level 1 Validation Document

Water System Name: City of San Fernando

Water System ID Number: 1910143

Water Audit Period: Calendar 2016

Water Audit & Water Loss Improvement Steps:

Steps taken in preceding year to increase data validity, reduce real loss and apparent loss as informed by the annual validated water audit:

- Start metering water usage for Street Sweeping & Sewer Maintenance
- Complete a written policy for 15 year water meter replacement program
- Financial Company to calculate unit rates for Tier rates & Unit costs
- Replace mechanical line meter with new digital
- Connect all line meters to SCADA water system for Water Supplied Accuracy

Certification Statement by Utility Executive:

This water loss audit report meets the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34 and has been prepared in accordance with the method adopted by the American Water Works Association, as contained in their manual, *Water Audits and Loss Control Programs, Manual M36, Fourth Edition* and in the Free Water Audit Software version 5.

Utility Provided

Tony Salazar

Public Works Superintendent



9-26-17

Executive Name (Print)

Executive Position

Signature

Date